

## The Knowledge Bank at The Ohio State University

### Ohio State Engineer

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# THE OHIO STATE ENGINEER

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COLLEGE MAGAZINES ASSOCIATED



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# Younger brothers of your telephone



## This one helps entertain and instruct millions

Did you know that talking pictures are a product of Bell Telephone Laboratories research? And that the majority of pictures today are both recorded in the principal studios and reproduced in thousands of theatres by means of Western Electric sound equipment?

(Above is a section of film, with the sound track at left of picture).



## This one helps the hard-of-hearing to hear

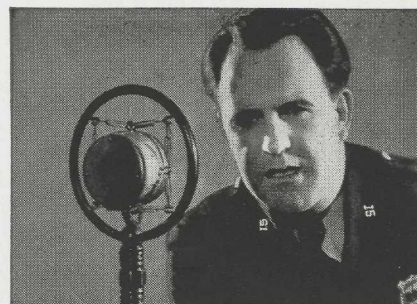
If your hearing is impaired, you'll be interested in Western Electric's new Ortho-Technic Audiphone. Another outgrowth of Bell System research, this instrument is built on entirely new principles in hearing aid design. It does things no previous aid could do. It will bring easier hearing and greater happiness to thousands.

## This one helps people to fly on schedule

When you travel on any of the nation's major airlines, the air-minded brother of your Bell Telephone flies with you. Western Electric radio telephones keep pilots and airports in touch—help to

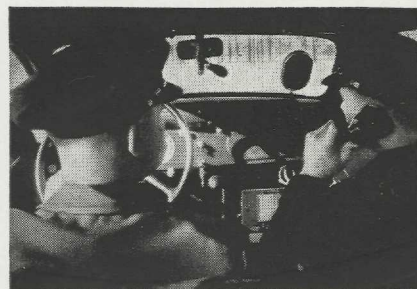


make possible today's splendid airline service. More and more private planes, too, are being equipped with the flying telephone.



## This one helps to catch more criminals

When police use Western Electric radio, arrests increase and crimes decrease. Your Bell Telephone makers pioneered in the police radio field. Today Western Electric equipment is giving added protection to 45 million people. Has your community this law enforcement aid?



## All these benefits and more came out of the telephone

Since 1882 Western Electric has been the manufacturer for the Bell System, and this is still its major activity.

Experience in the field of sound-transmission has frequently enabled the Company to apply its skill in the making of other sound equipment that plays an important part in daily living.



**Western Electric** . . . made your  
BELL TELEPHONE



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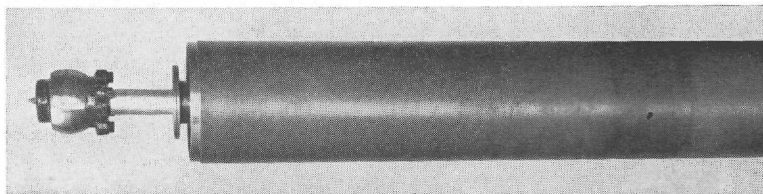
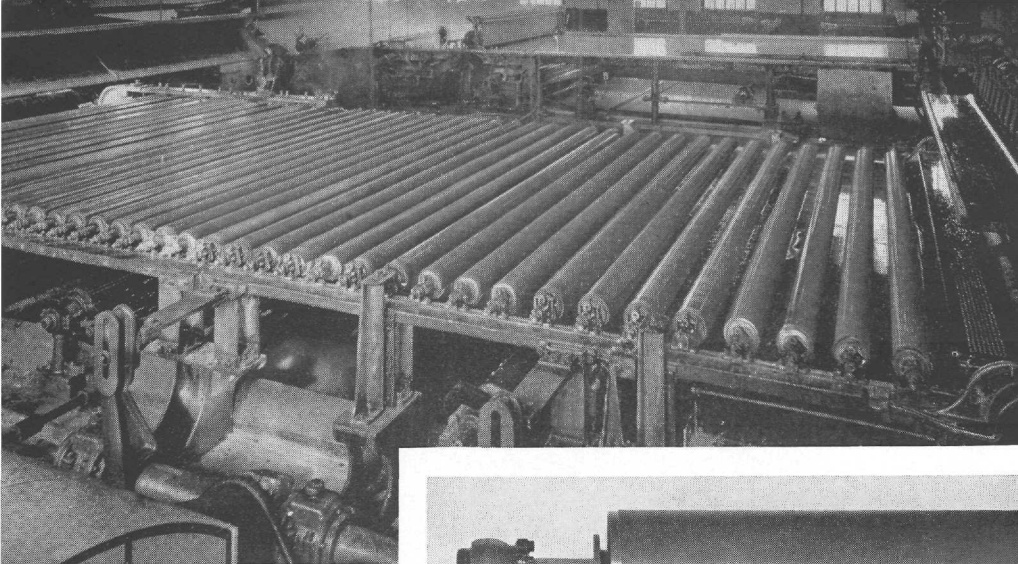
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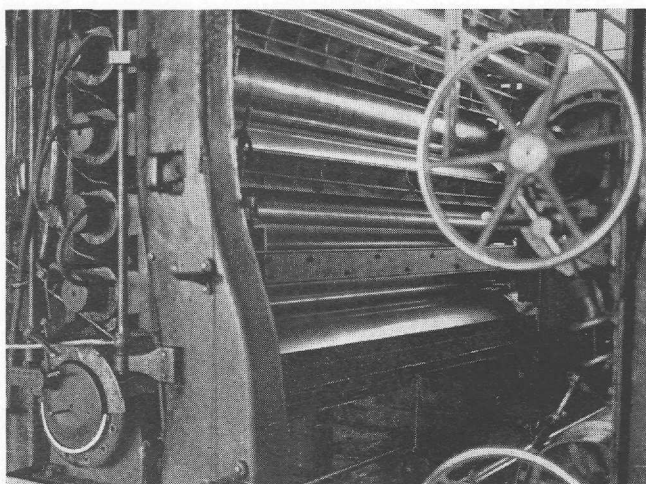
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A bed of table rolls. The requirements for the roll covers include chemical resistance, lightness, and perfect dynamic balance.



View showing blades which keep the paper in place as it passes through the rolls. These blades are used on drier, calender, and super-calender rolls.

Paper here is shown on its way over steam heated cylinders.

